

### REMARKS

Applicants have carefully reviewed and considered the Office Action mailed on April 19, 2005, and the references cited therewith.

Claims 2-4, 6-7, 9, 11-12, 14, 17, 21, 23-24, and 27 are amended and claims 1, 20, and 25-26 are canceled; as a result, claims 2-19, 21-24, and 27-31 are now pending in this application.

#### '112 Rejection of the Claims

Claims 6-8, 12, 23-26 were rejected under 35 USC ' 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which Applicants regard as the invention.

Amended claims 6, 12, and 23 is respectfully asserted to overcome the rejections. Claims 25 and 26 are cancelled. Claims 6, 12, and 23 should thus be found allowable, and such action is respectfully requested.

Claims 7-8 and 24 are dependent on claims 6 and 23, respectively, should therefore also be found to be allowable, and such action is respectfully requested.

#### '102 Rejection of the Claims

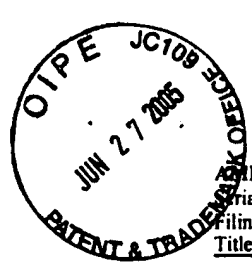
Claims 1 and 25 were rejected under 35 USC ' 102(b) as being anticipated by Hoeld (U.S. 6, 487,246).

Applicants do not admit that the Hoeld patent is prior art to the present invention and reserves the right to swear behind this patent at a later date. Nonetheless, Applicants believe the claims of the present invention are distinguishable over this reference.

Claims 1 and 25 have been canceled.

#### Allowable Subject Matter

Claims 2-5 and 27-31 were objected to as being dependent upon a rejected base claim, but were indicated to be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.



AMENDMENT AND RESPONSE UNDER 37 CFR § 1.111

Serial Number: 10/694,452

Filing Date: October 27, 2003

Title: METHOD AND APPARATUS FOR GENERATING A DISTORTIONLESS PULSE WIDTH MODULATED WAVEFORM

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Claims 12, 13 and 24 were indicated to be allowable if rewritten to overcome the rejection(s) under 35 USC ' 112 set forth in the Office Action.

Claims 6-8 were indicated to be allowable if rewritten to overcome the rejection(s) under 35 USC ' 112 2<sup>nd</sup> paragraph set forth in the Office Action including all of the limitations of the base claim and any intervening claims.

Claims 9-11 and 13-22 were indicated to be allowed if amended if necessary, to overcome any objections set forth in the Office Action.

Claims 2-5, 6-8, 9-11, 12-13, 22, 24, and 27-31 were indicated to be allowable if rewritten overcome the objections and rejections, set forth in the Office Action and to include all of the limitations of the base claim and any intervening claims. Applicants have amended these claims accordingly. Reconsideration of these claims is respectfully requested.

Conclusion

Applicants respectfully submit that the claims 2-19, 21-24, and 27-31 are in condition for allowance and notification to that effect is earnestly requested. The Examiner is invited to telephone Applicants' attorney (603-888-7958) to facilitate prosecution of this application.

Respectfully submitted,

TUSHAR PRAKASH RINGE ET AL.

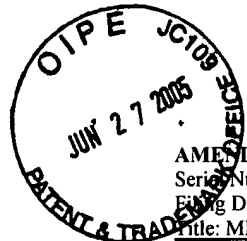
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CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: Mail Stop Amendment, Commissioner of Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 21 day of June, 2005.

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